

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A battery pack locking device for a portable wireless terminal, comprising:

a first locking section formed on a lower casing frame included in a body of the portable wireless terminal, and adapted to lock ~~[[the]]~~a battery pack to the lower casing frame and to release the lock of the battery pack;

a button section integrally formed with the first locking section, the button section being movable in a first direction perpendicular to the lower casing frame;

a second locking section interacting with the first locking section to separate the battery pack from the lower casing frame in the ~~perpendicular~~ first direction; and

a support section for supporting the battery pack to allow the battery pack to be locked and lock-released in the ~~perpendicular~~ first direction,

wherein when the button section is pushed toward the lower casing frame in the first direction, the battery pack is lock-released and elastically lifted away from the lower casing frame in the first direction.

2. (Currently Amended) A battery pack locking device for locking a battery pack to a lower casing frame included in a portable wireless terminal, comprising:

a button member mounted on the lower casing frame while being movable in a first direction perpendicular to the lower casing frame, the button member having a first lock

releasing section,

wherein when the button section is pushed toward the lower casing frame in the first direction, the battery pack is lock-released and elastically lifted away from the lower casing frame in the first direction;

a locking section protrusion protruded toward the battery pack from an end surface of the lower casing frame adjacent to the button member; and

an elastic section installed at one end of the battery pack, the elastic section being elastically deformable in accordance with the depression of the first lock releasing section,

wherein the elastic section comprises:

a second lock releasing section adapted to be subjected to a depression of the first lock releasing section when the button member moves ~~vertically~~ in the first direction, and

a lock retaining section arranged adjacent to the second lock releasing section, and adapted to be engagable with the locking section to prevent the battery pack from being lock-released.

3. (Original) The battery pack locking device according to claim 2, wherein each of the first and second lock releasing sections has a round surface, and the first lock releasing section presses the second lock releasing section when the button member is depressed, so that the elastic section is elastically deformed, thereby releasing a lock retained between the locking section and the lock retaining section.

4. (Original) The battery pack locking device according to claim 2, wherein the lock retaining section has a round lower surface which the locking section presses when the battery pack is to be locked, thereby causing the elastic section to be elastically deformed.

5. (Original) The battery pack locking device according to claim 2, wherein the lock retaining

section has an inclined lower surface which the locking section presses when the battery pack is to be locked, thereby causing the elastic section to be elastically deformed.

6. (Currently Amended) The battery pack locking device according to claim 2, further comprising:

support sections protruded from the other end of the battery pack; and

support grooves engagable with the support sections, respectively, each of the support grooves pressing an associated one of the support sections engaged therewith, ~~thereby causing the battery pack to separate from the lower casing frame and elastically lift a desired distance in the perpendicular direction when the locking device is released.~~

7. (Currently Amended) A battery pack locking device for locking a battery pack to a lower casing frame included in a portable wireless terminal, comprising:

a button member mounted to the lower casing frame while being movable in a first direction perpendicular to the lower casing frame, wherein when the button section is pushed toward the lower casing frame in the first direction, the battery pack is lock-released and elastically lifted away from the lower casing frame in the first direction;

a pair of spaced tension sections extending downwardly from the button while facing each other, the tension sections having an elasticity to be movable in the ~~perpendicular~~ first direction;

a plurality of inner protrusions inwardly protruded from the tension sections while facing each other, respectively; and

a locking section provided at one end of the battery pack to be engagable with the tension sections, the locking section having, at opposite lateral surfaces thereof, outer protrusions adapted to come into slidable contact with the inner protrusions, respectively[[:]], whereby the

battery pack is locked to the lower casing frame when the outer protrusions are positioned beneath the inner protrusions.

8. (Original) The battery pack locking device according to claim 7, wherein:

the locking section extends downwardly from a top surface of a rib groove formed at the one end of the battery pack; and

the tension sections extend beyond an end of the button member toward the battery pack, so that as the tension sections are positioned in the rib groove when the battery pack is locked to the lower casing frame.

9. (Currently Amended) The battery pack locking device according to claim 7, further comprising:

elastic means arranged beneath the button member, whereby the inner protrusions are moved beneath the outer protrusions of the locking section when the button member is depressed against an elastic force of the elastic means, and the button member is moved in the ~~perpendicular~~ first direction by the elastic force of the elastic means when the depression of the button member is released, so that the inner protrusions move the outer protrusions in the ~~perpendicular~~ first direction, ~~thereby causing the battery pack to separate from the lower casing frame.~~

10. (Original) The battery pack locking device according to claim 2, wherein the elastic section further comprises a locking rib provided at the one end of the battery pack and structured to be elastically deformed, and the locking rib is provided with the second lock releasing section and the lock retaining section.